

Permanent Building Committee / School Building Committee Meeting



03.24.2022



Agenda

- » Green Building Rating System
- » PSR Alternatives New Building Options

LEEDv4 or NE-CHPSv4

	 NE-CHPS	 LEED
Total Pre-Requisites	28	14
Total Credits	250	110
Certification Level (MSBA)	110 CHPS Verified	40 Certified*
Owner related Documentation	13 Pre-req 15+ credits	4 Pre-req 2 credits (Silver)
Registration and Documentation Process	National CHPS	USGBC/GBCI

* LEEDv4: most MA School Projects achieve LEEDv4 Silver certification



NE-CHPS Owner Involved Prerequisites*

Integration & Innovation	Integrative Process
Integration & Innovation	Safer Schools By Design
Operations & Metrics	Facility Staff and Occupant Training
Operations & Metrics	Performance Benchmarking
Operations & Metrics	Systems Maintenance Plan
Operations & Metrics	Indoor Environmental Management Plan
Operations & Metrics	Integrated Pest Management
Operations & Metrics	Anti-Idling Measures
Operations & Metrics	ENERGY STAR Equipment and Appliances
Indoor Environmental Quality	Pollutant and Chemical Source Control
Indoor Environmental Quality	Acoustical Performance
Energy	Local Energy Efficiency Incentive and Assistance
Materials and Waste Management	Storage and Collection of Recyclables

***15+ addition owner related credits**



LEED Owner Involved Prerequisites*

Water Efficiency	Building-Level Water Metering
Energy & Atmosphere	Building-Level Energy Metering
Materials & Resources	Storage and Collection of Recyclables
Indoor Environmental Quality	Environmental Tobacco Smoke Control

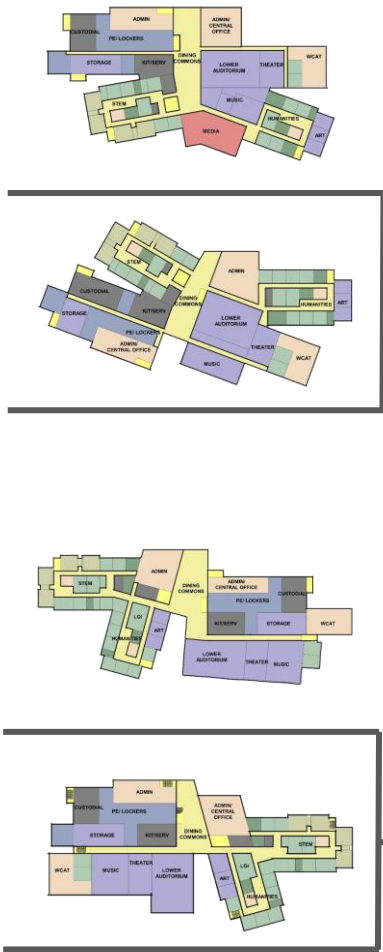
***~2 addition owner related credits for Silver Certification**

SITE DESIGN

PSR Alternatives New Building Options



Alt. 3b – “March Madness”

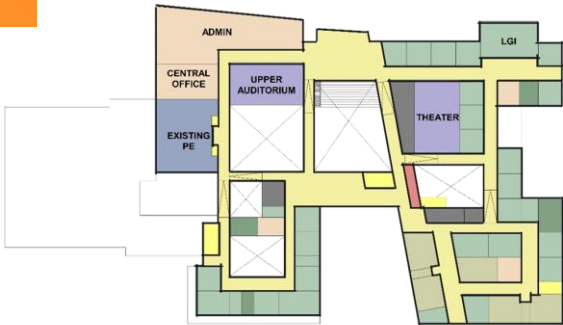


3b – Program Options



3b – Preferred Option

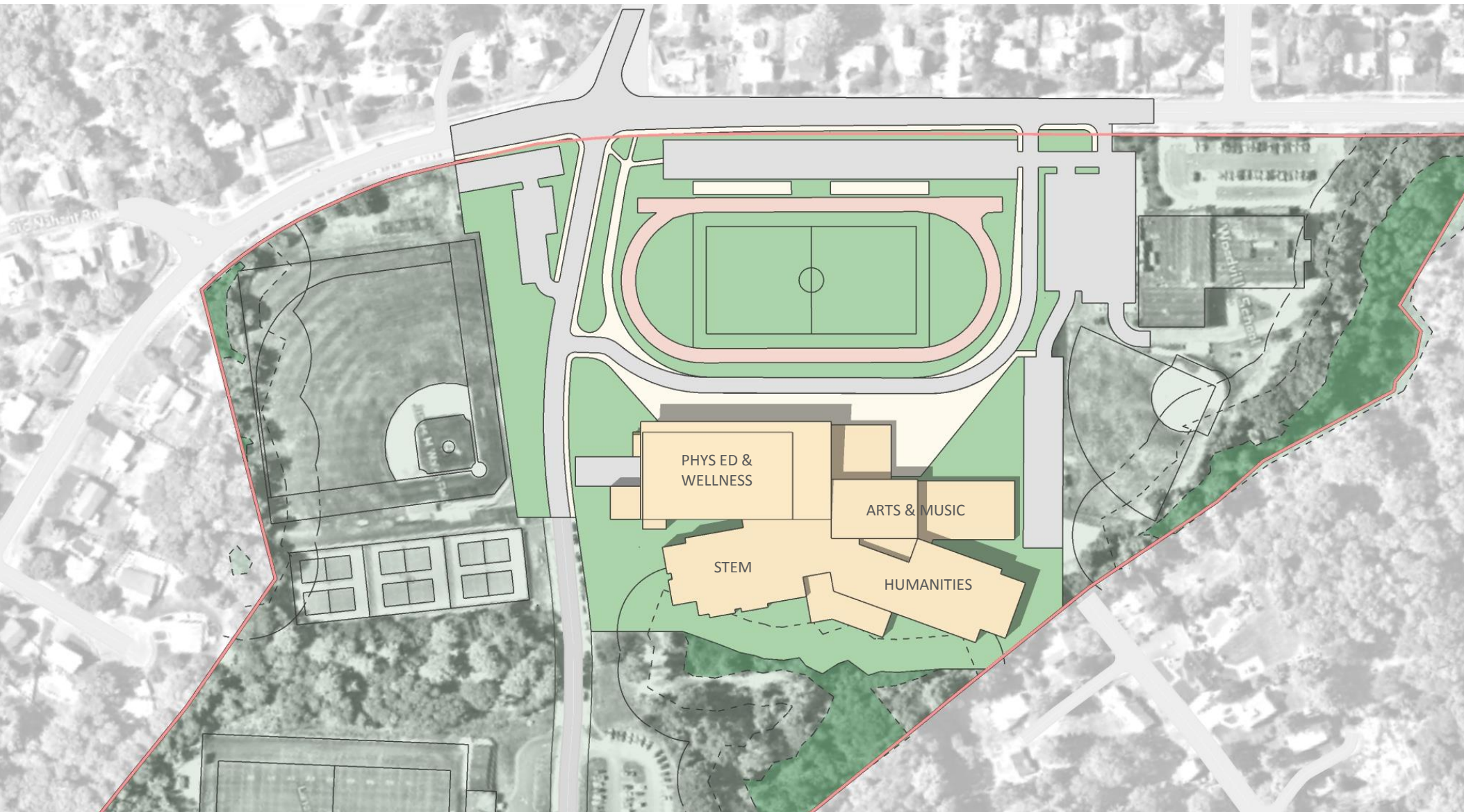
vs



2a Add/Reno Alternative

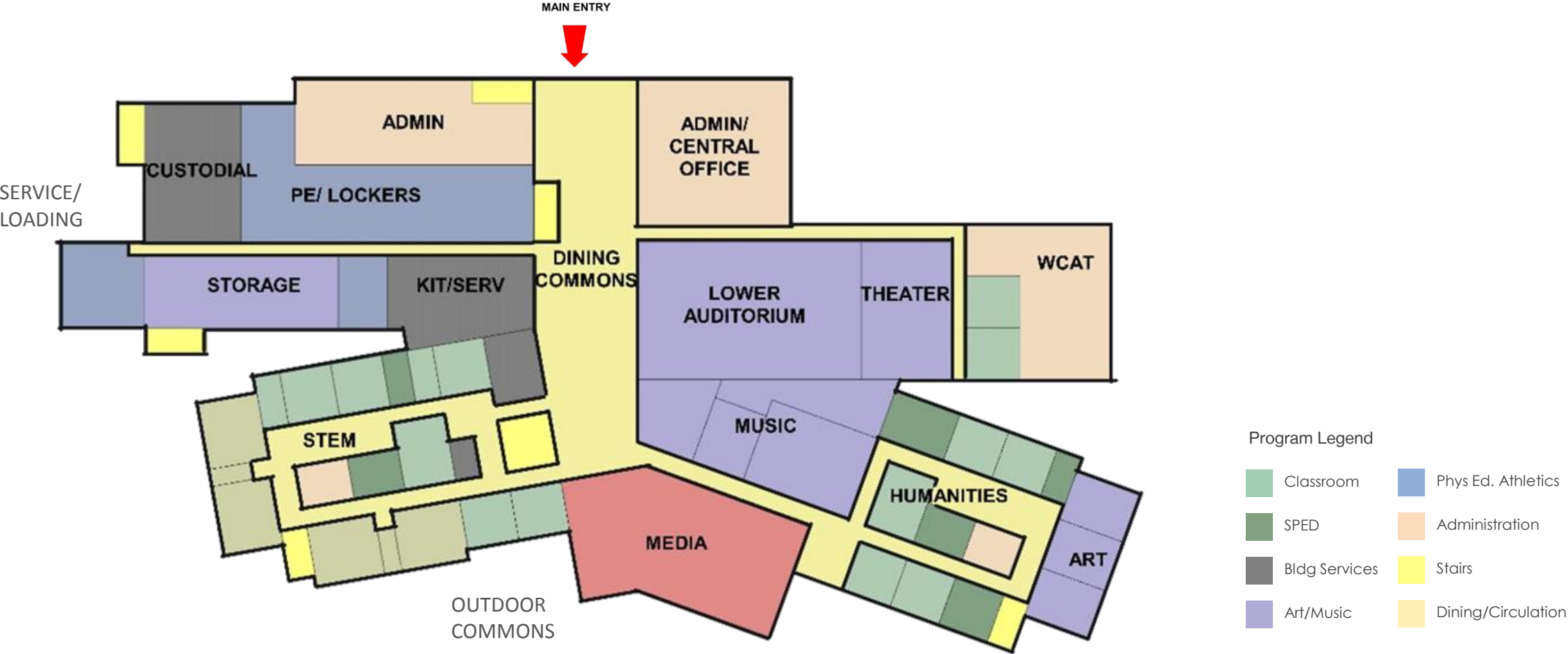
WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b – Site Plan Option 1



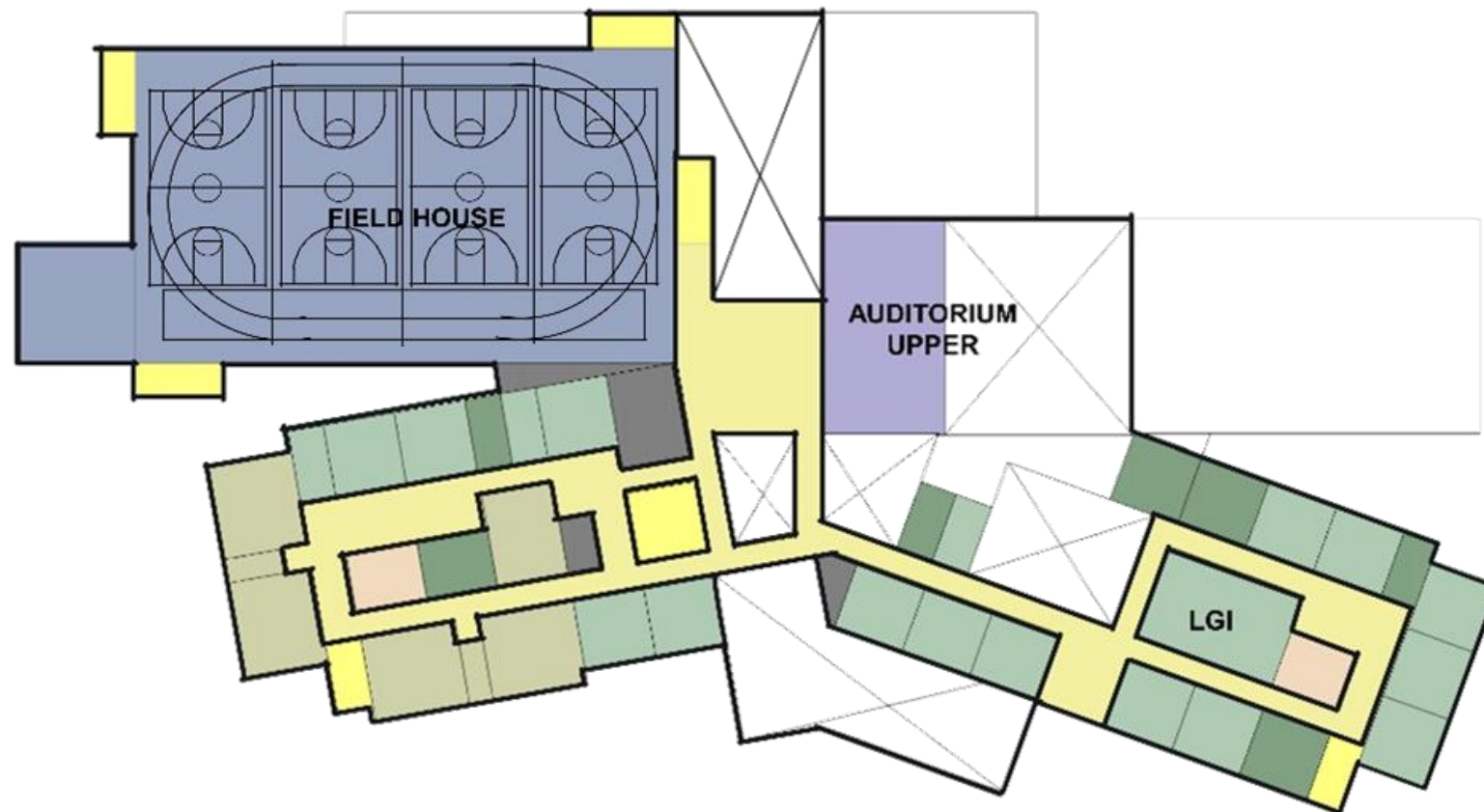
Alt. 3b – Plan Option 1

» Level 1



Alt. 3b – Plan Option 1

» Level 2

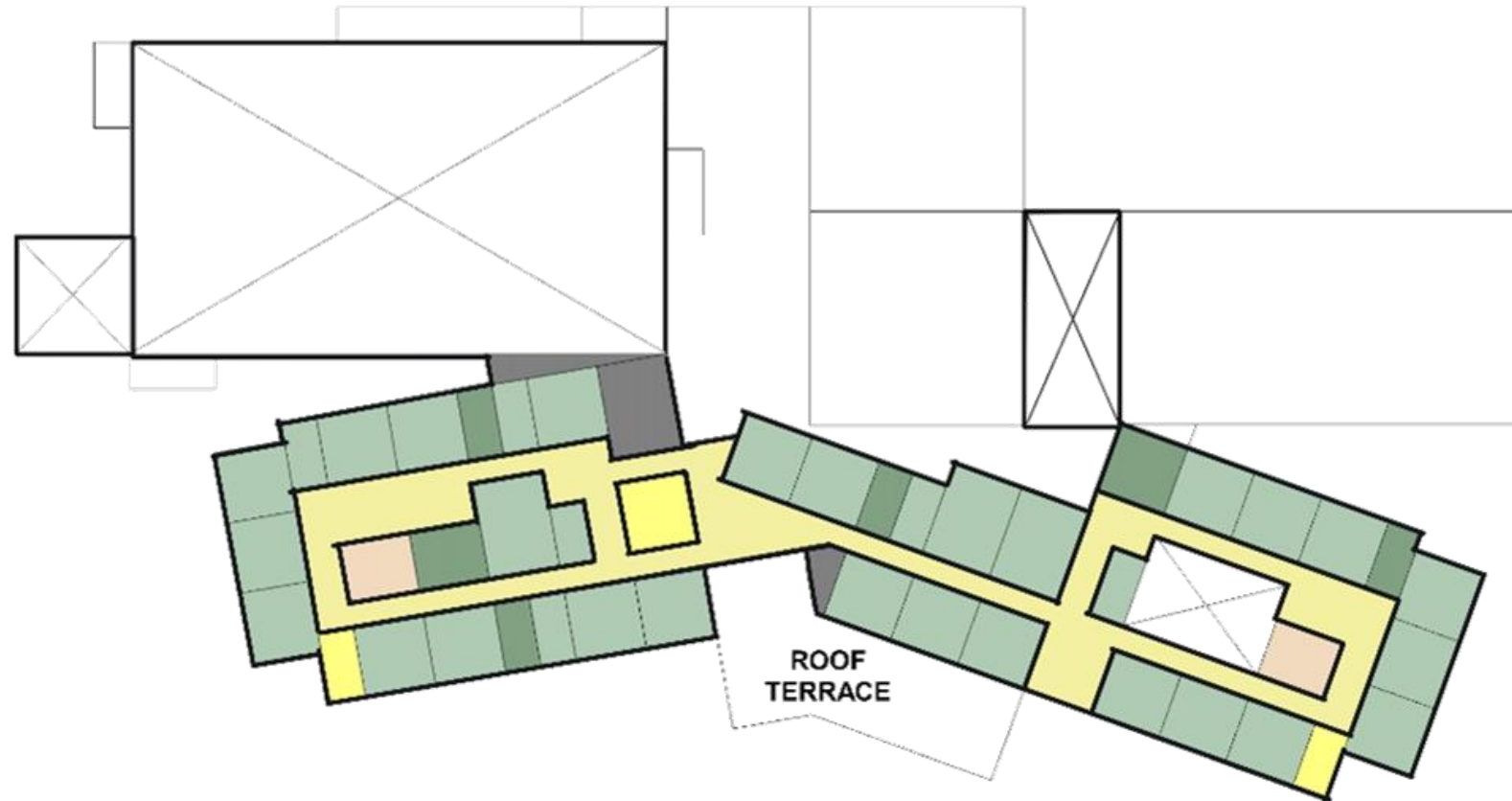


Program Legend

Classroom	Phys Ed. Athletics
SPED	Administration
Bldg Services	Stairs
Art/Music	Dining/Circulation

Alt. 3b – Plan Option 1

» Level 3



Program Legend

Classroom	Phys Ed. Athletics
SPED	Administration
Bldg Services	Stairs
Art/Music	Dining/Circulation

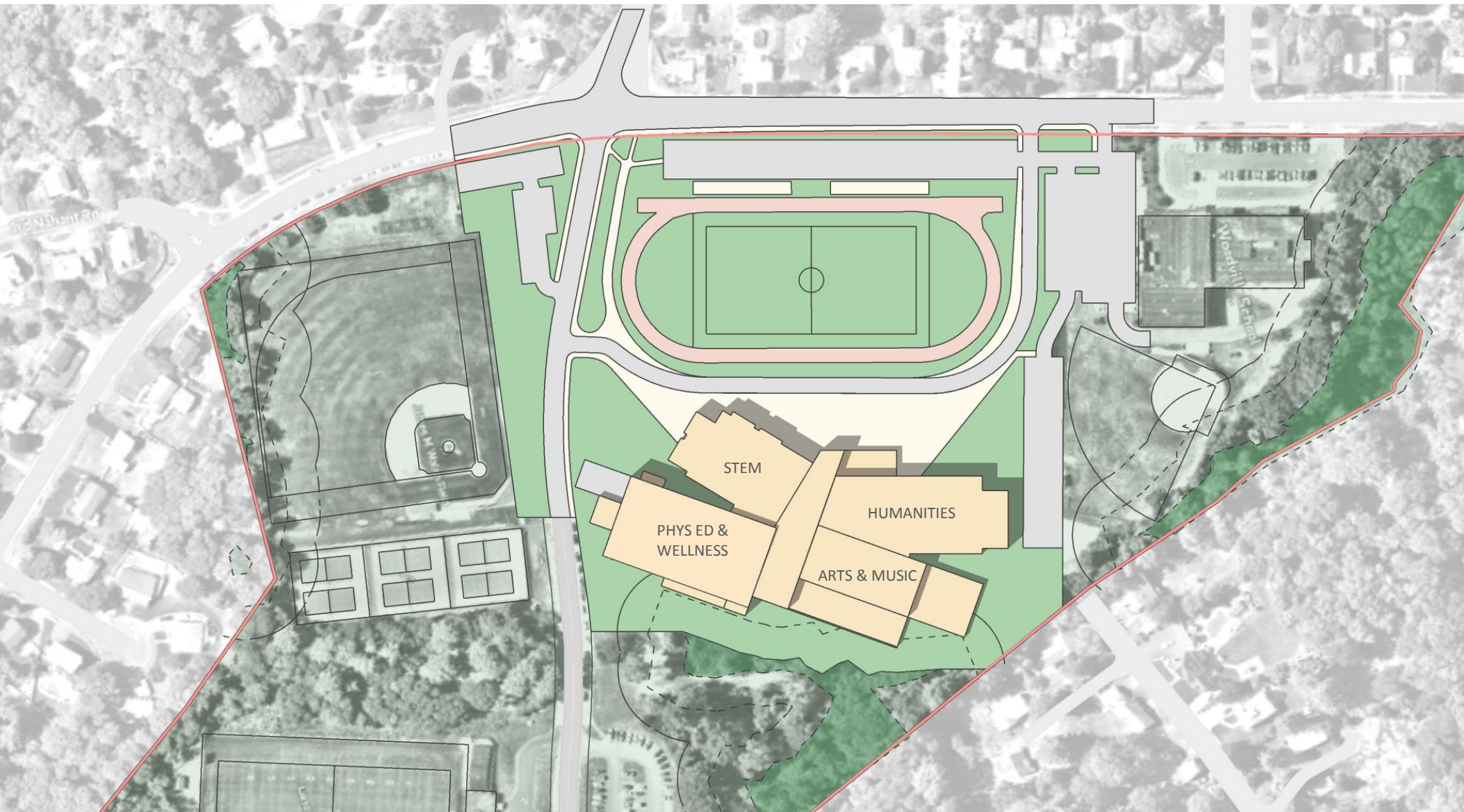
WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b –Option 1 Massing Views



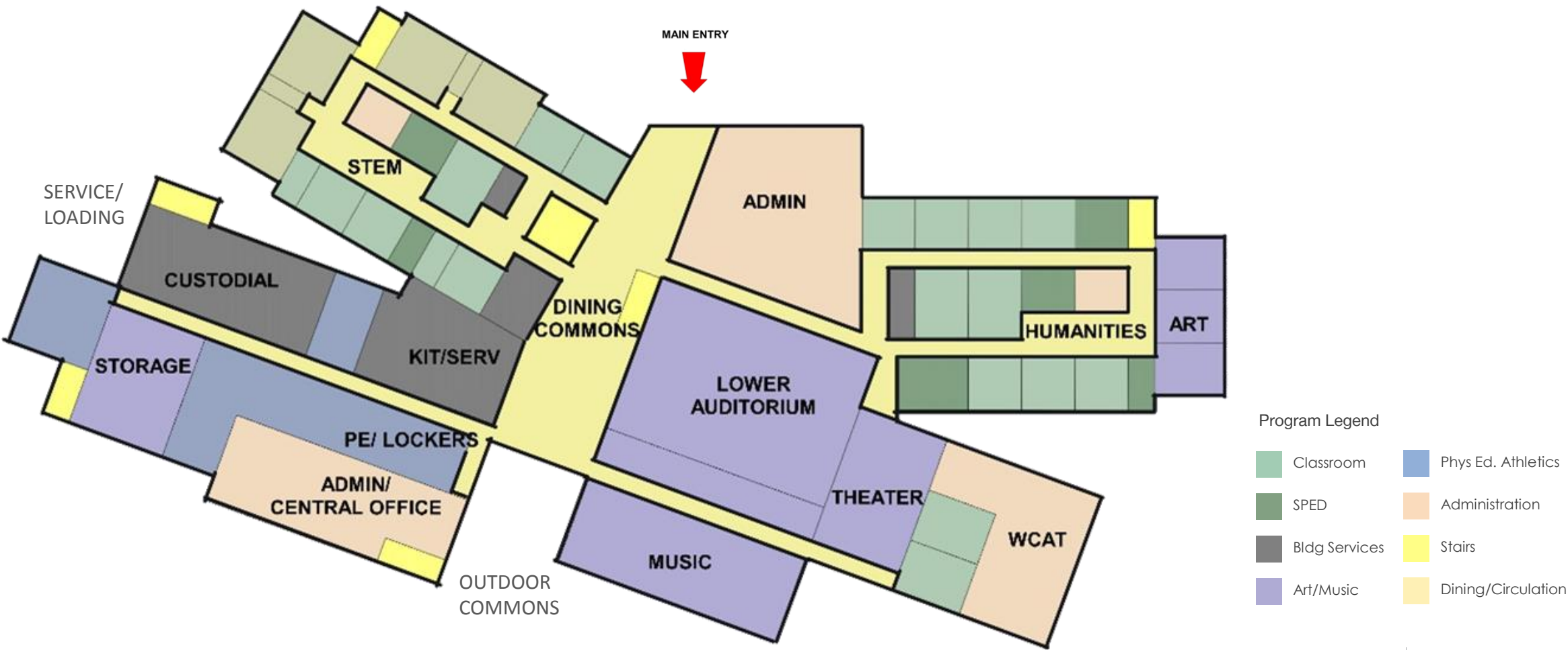
WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b – Site Plan Option 2



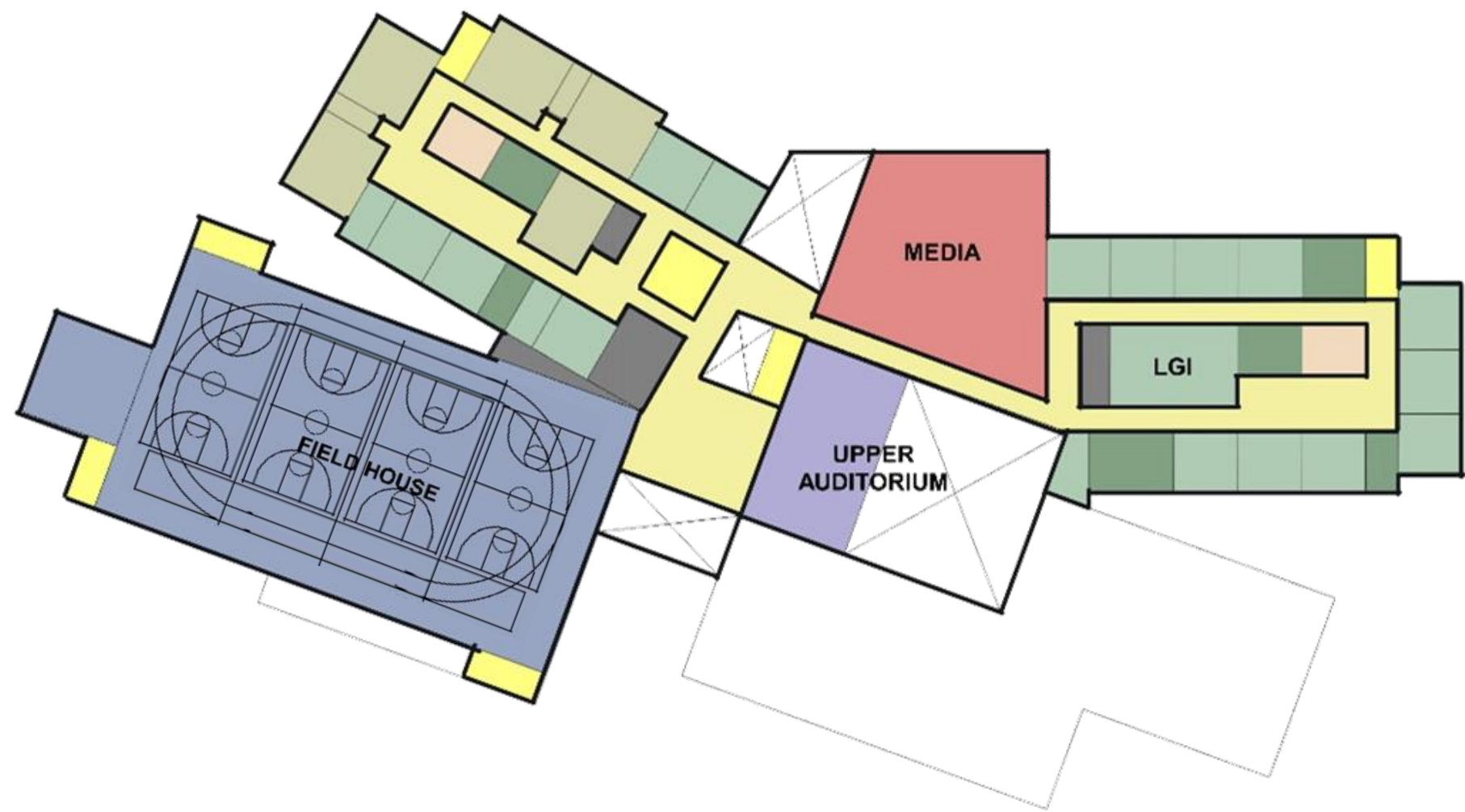
Alt. 3b – Plan Option 2

» Level 1



Alt. 3b – Plan Option 2

» Level 2

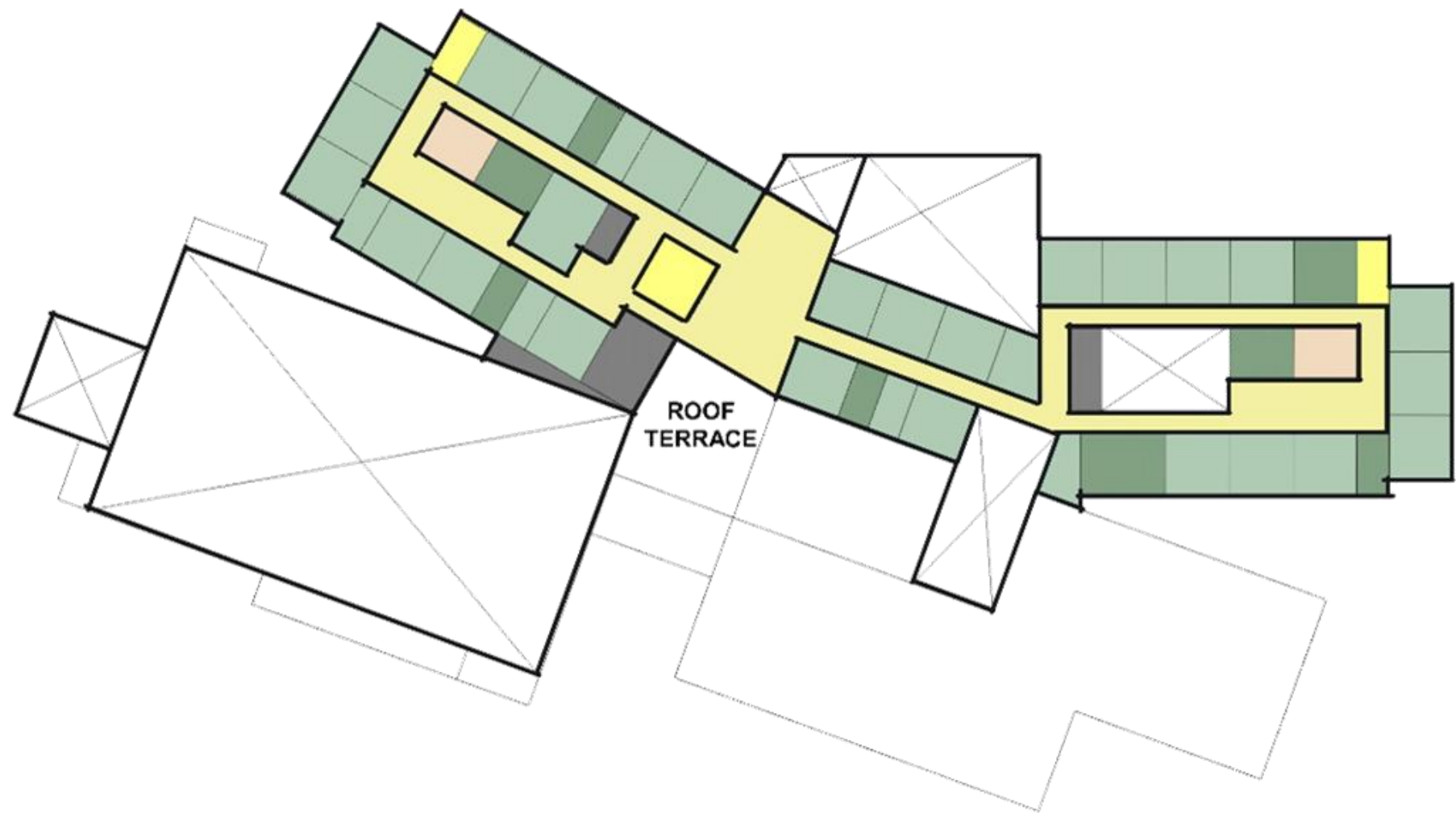


Program Legend

Classroom	Phys Ed. Athletics
SPED	Administration
Bldg Services	Stairs
Art/Music	Dining/Circulation

Alt. 3b – Plan Option 2

» Level 3



Program Legend

Classroom	Phys Ed. Athletics
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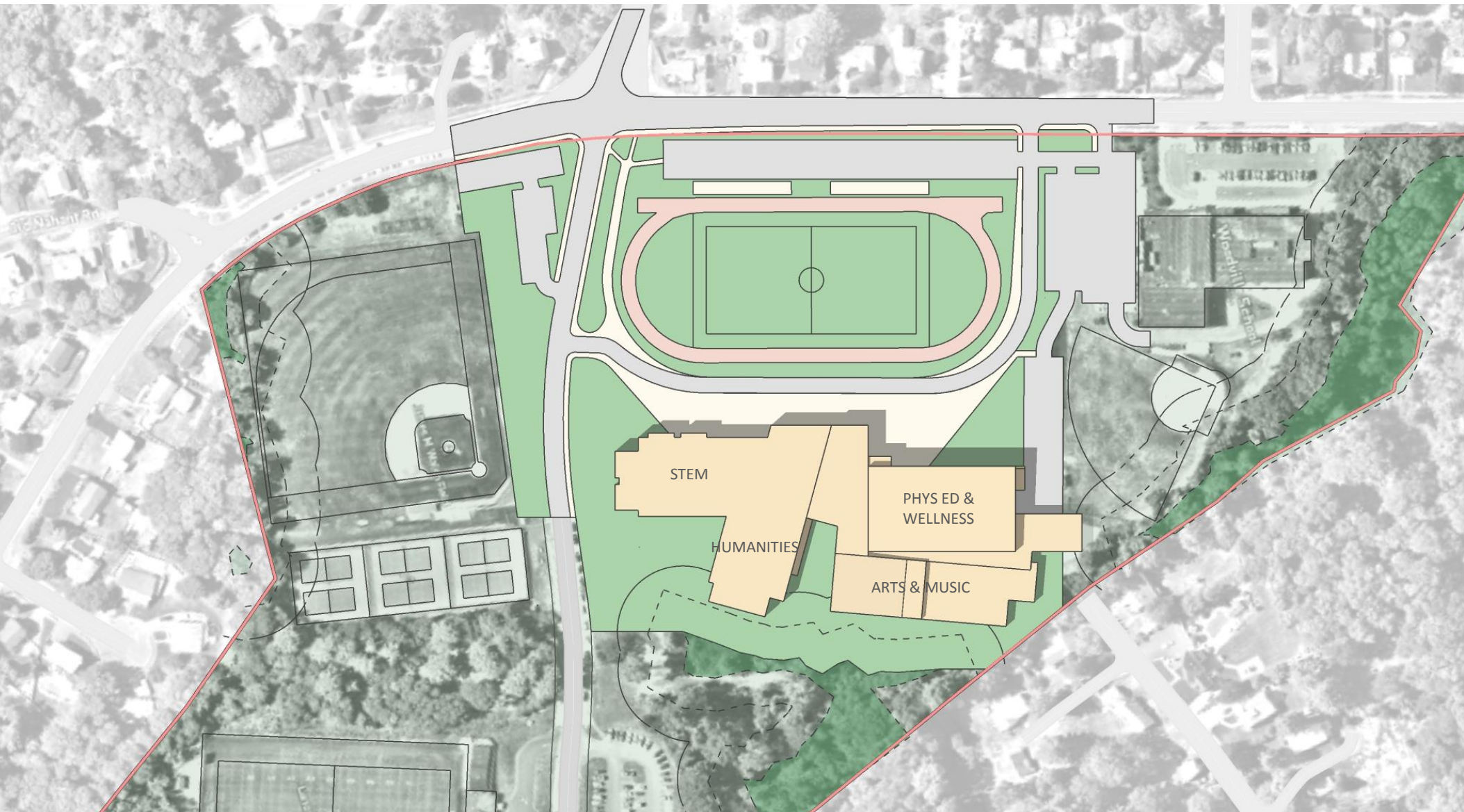
WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b –Option 2 Massing Views



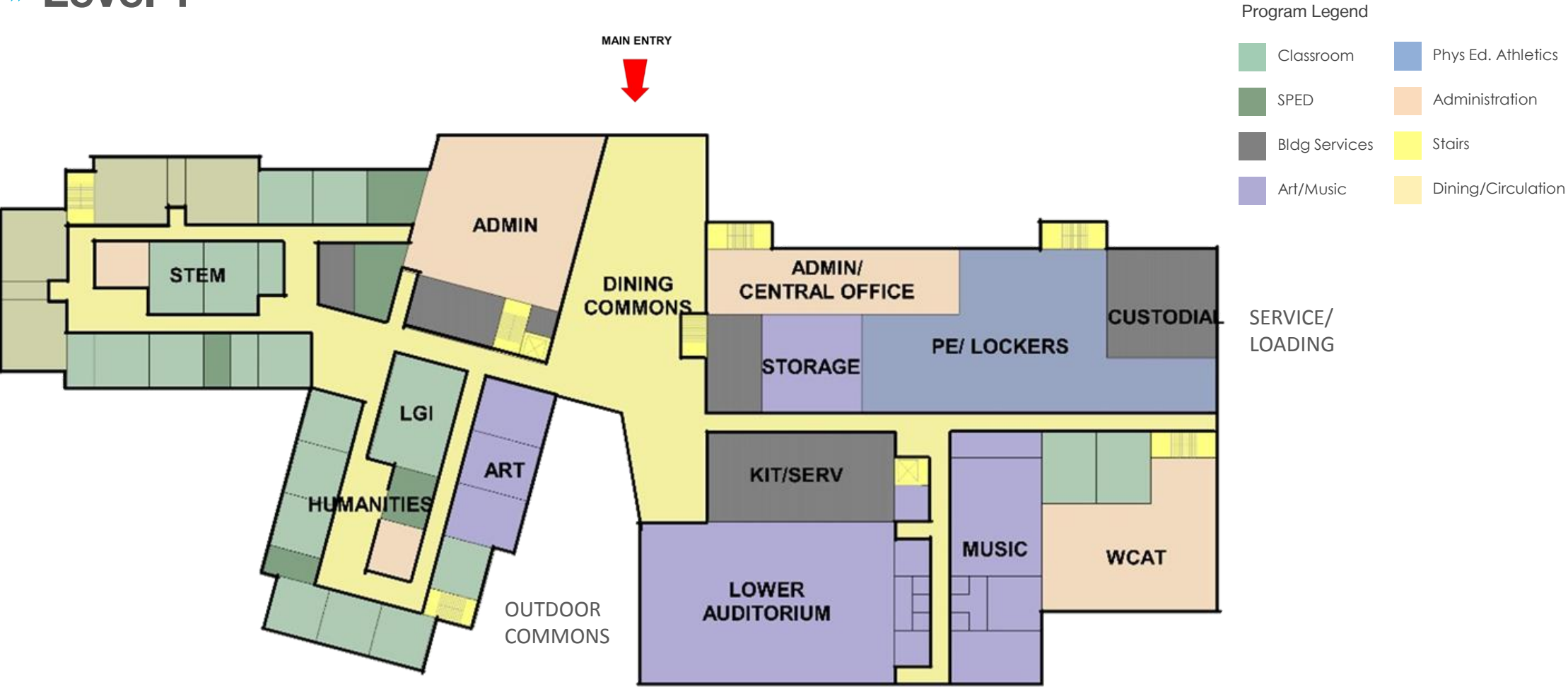
WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b – Site Plan Option 3



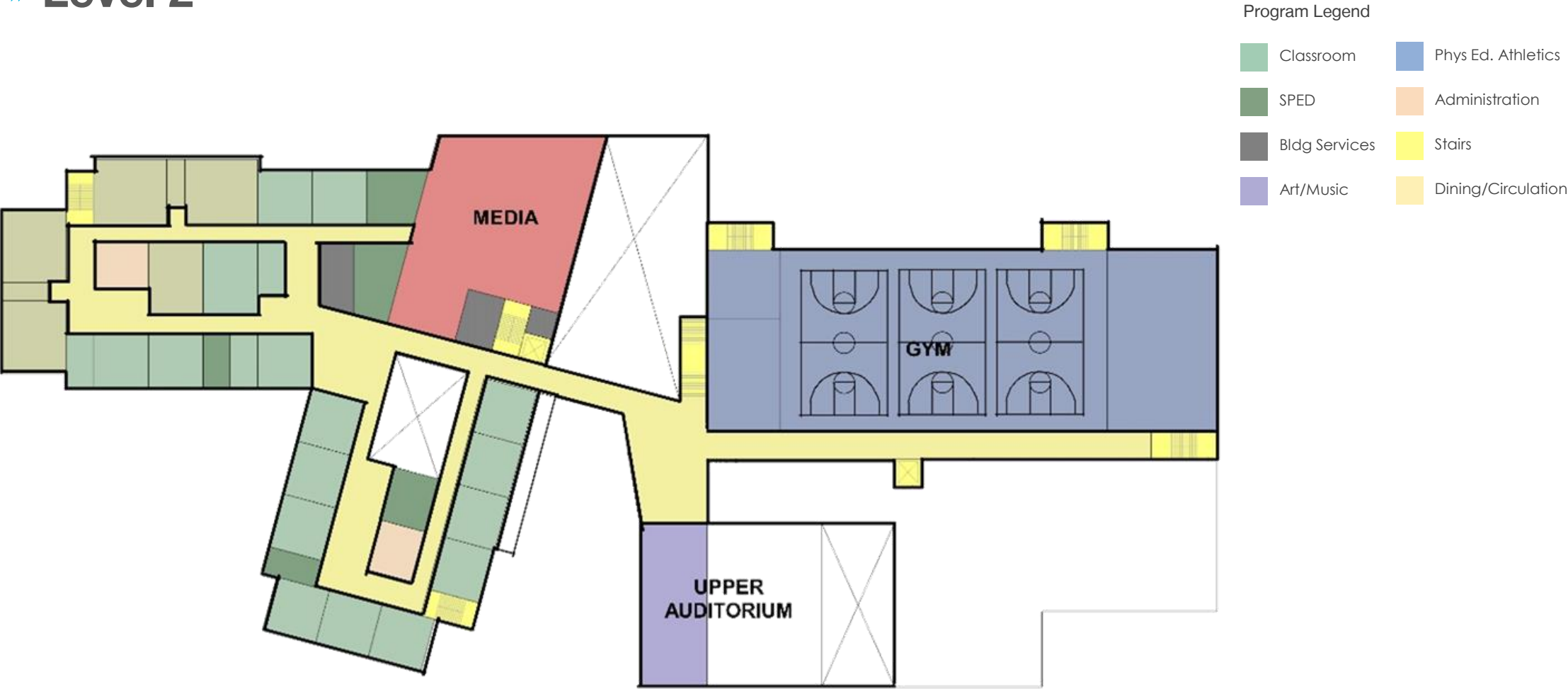
Alt. 3b – Plan Option 3

» Level 1



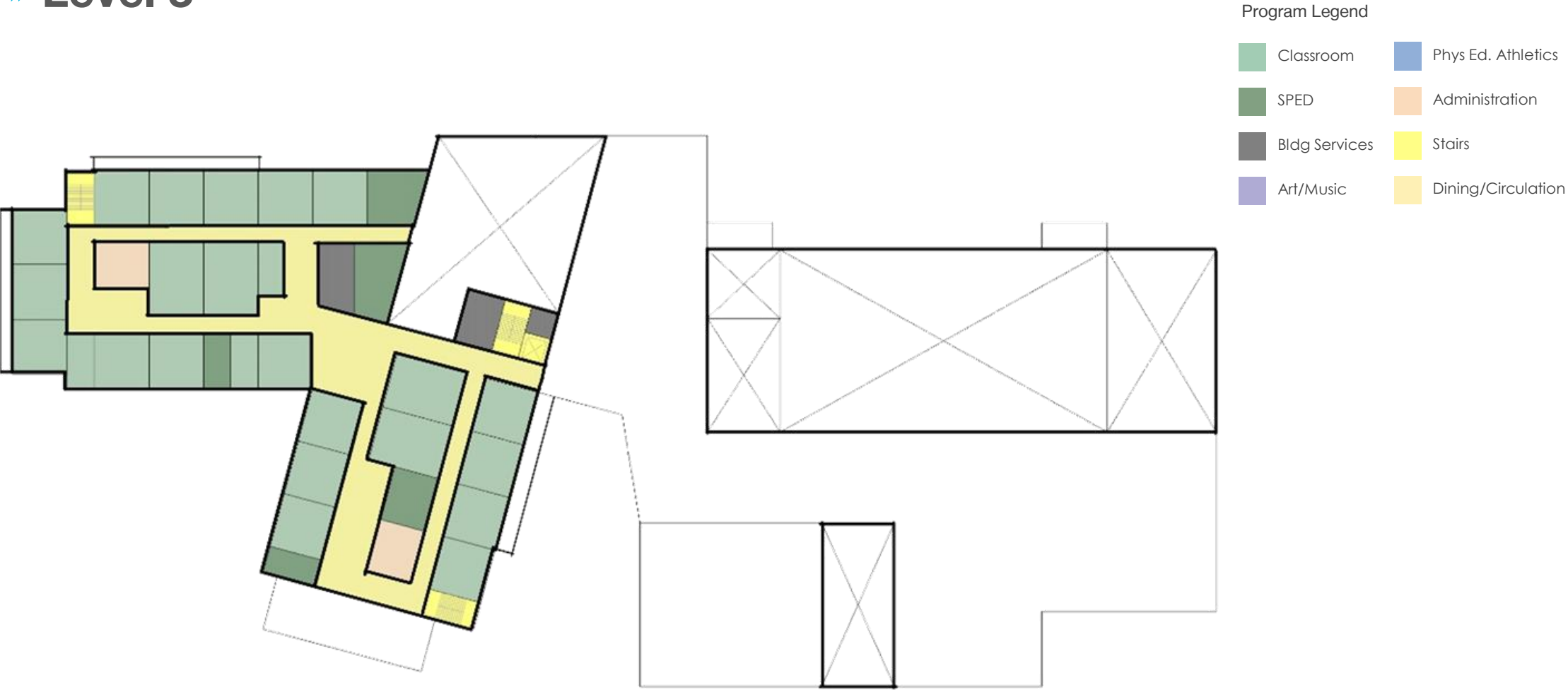
Alt. 3b – Plan Option 3

» Level 2



Alt. 3b – Plan Option 3

» Level 3



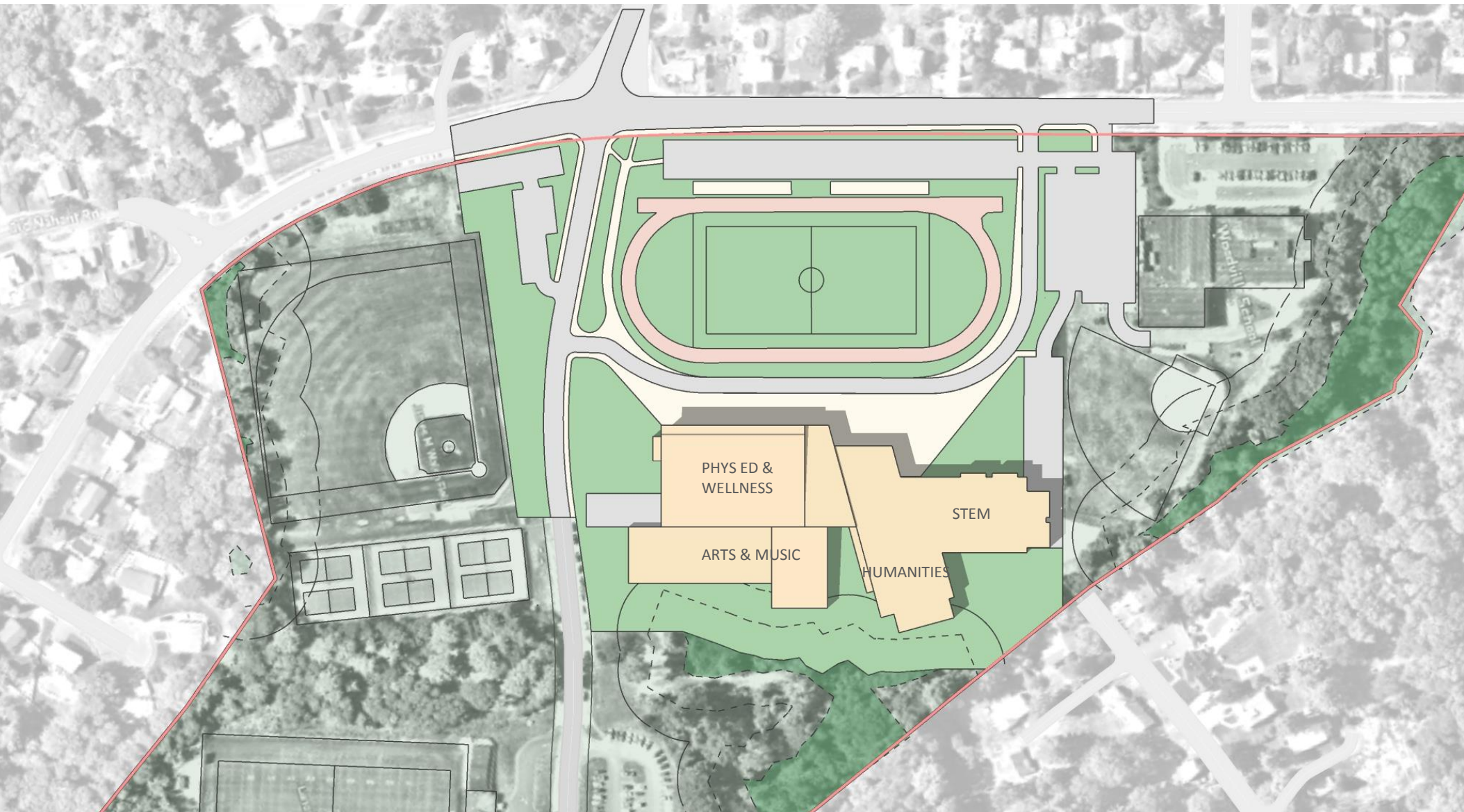
WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b –Option 3 Massing Views



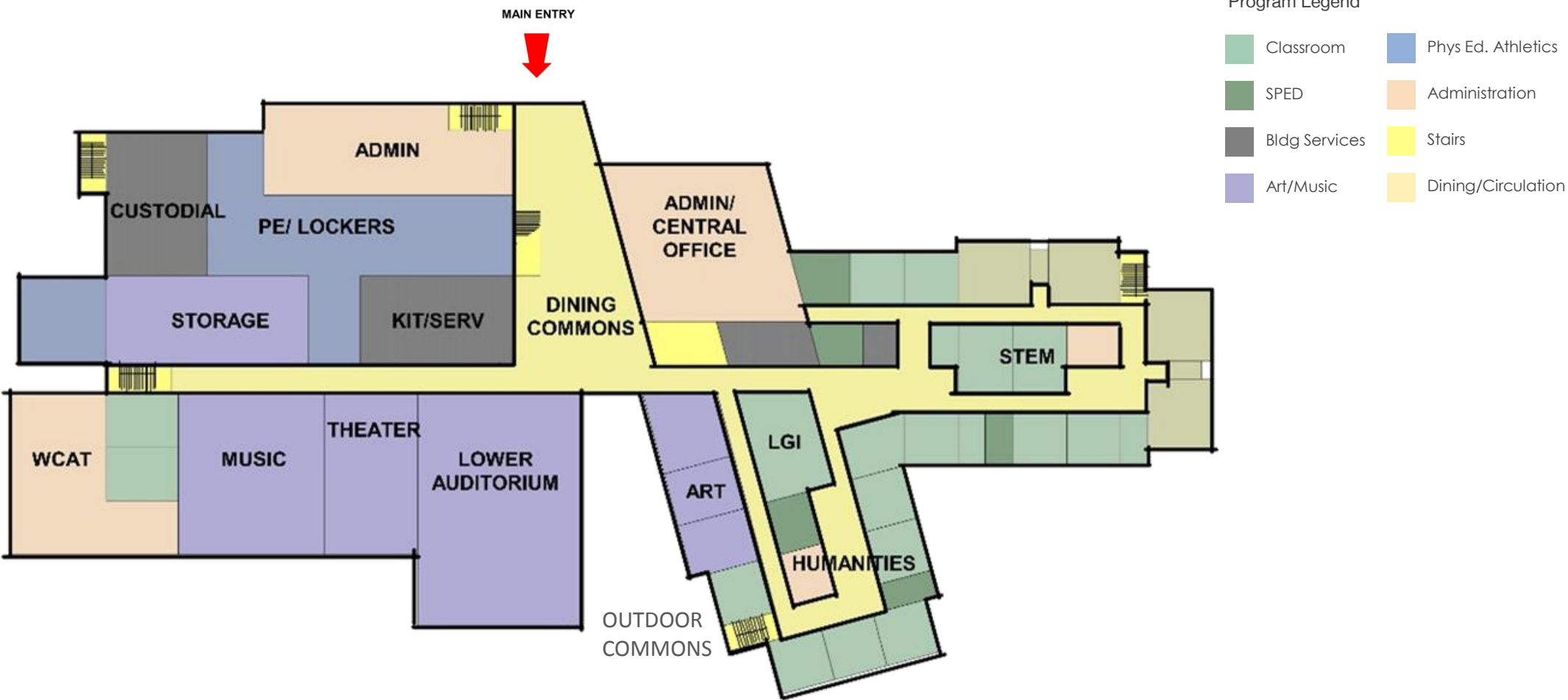
WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b – Site Plan Option 4



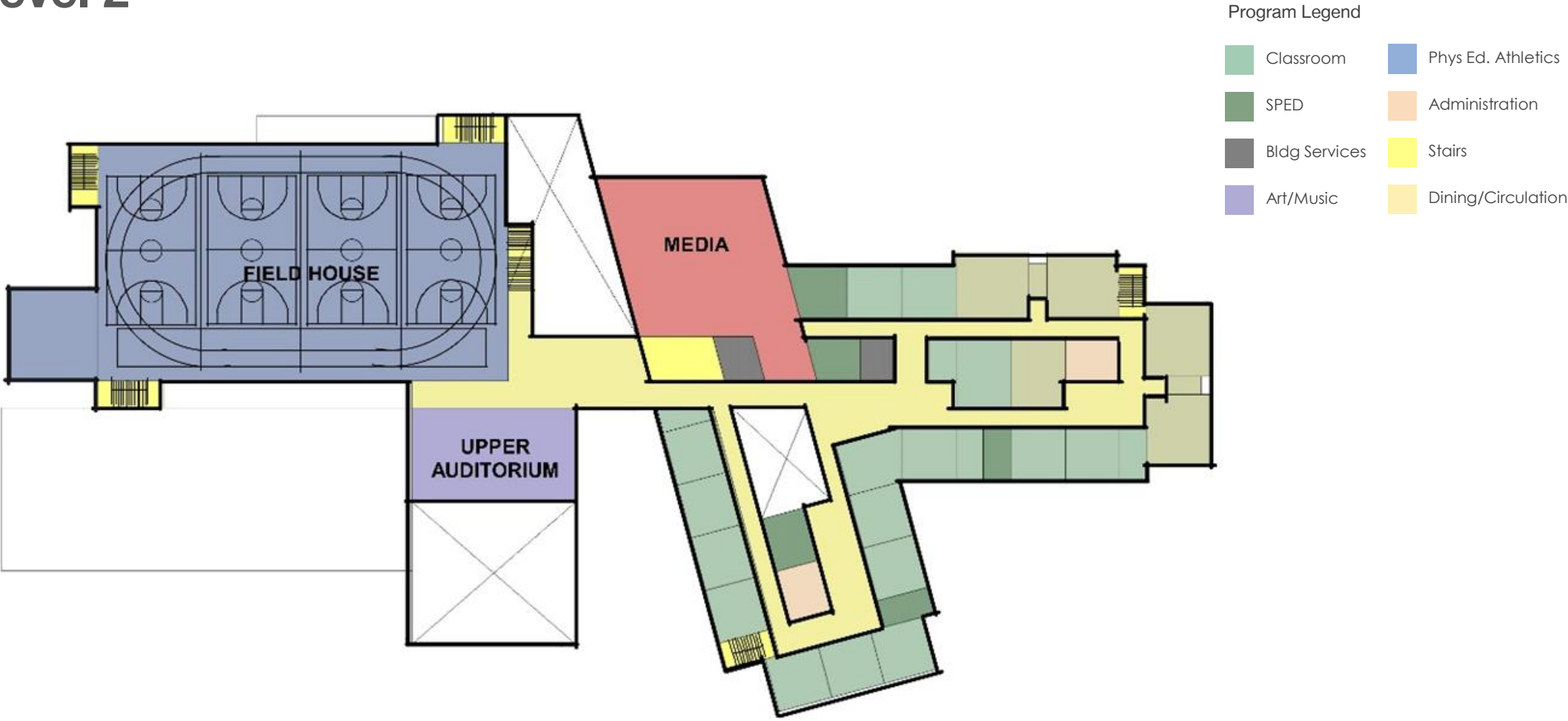
Alt. 3b – Plan Option 4

» Level 1



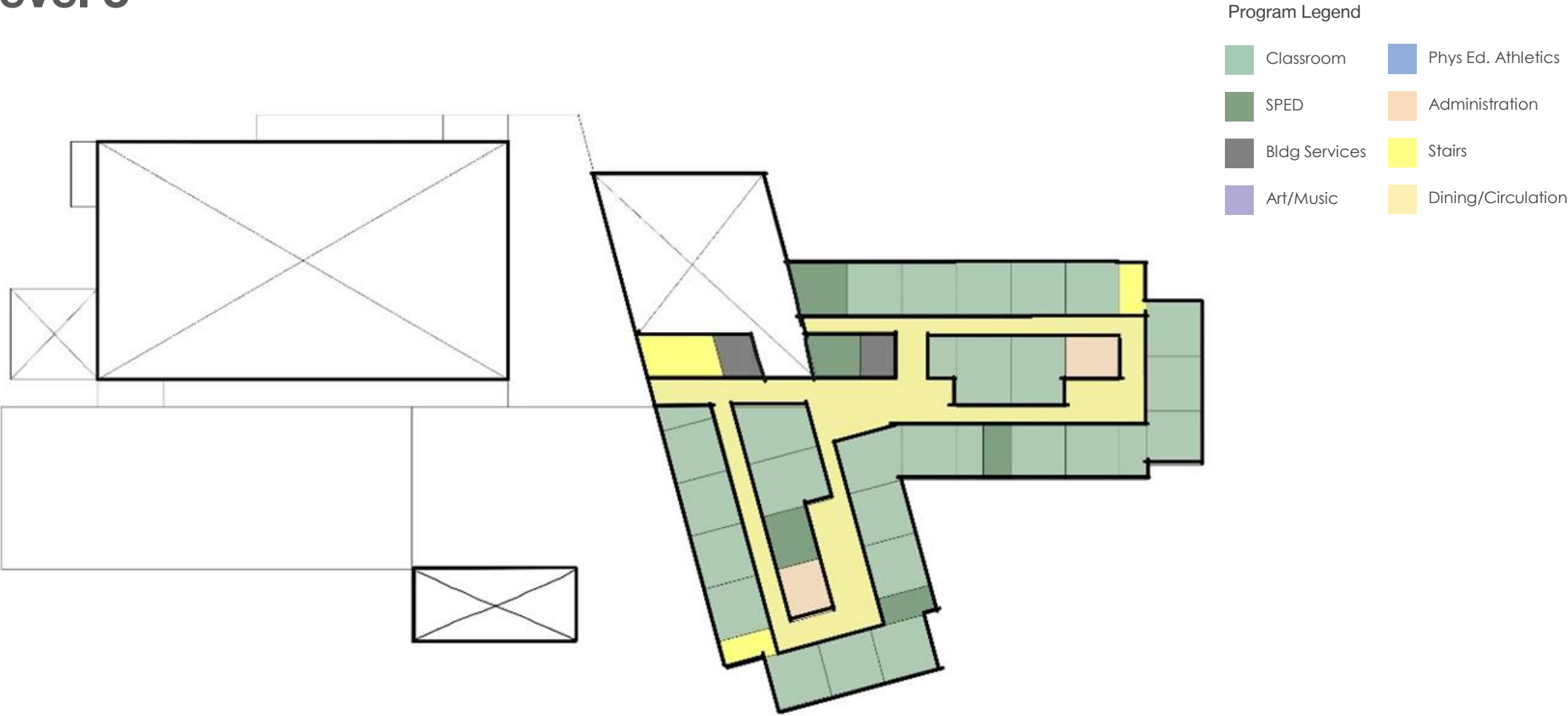
Alt. 3b – Plan Option 4

» Level 2



Alt. 3b – Plan Option 4

» Level 3



WAKEFIELD MEMORIAL HIGH SCHOOL

Alt. 3b –Option 4 Massing Views





WAKEFIELD MEMORIAL HIGH SCHOOL

Thank You!

